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SPECIFICATION

TITLE OF THE INVENTION

OFDM receiver for easily synchronizing baseband
5 signal

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

This invention relates to an OFDM receiver for
10 receiving an OFDM (Orthogonal Frequency Division
Multiplexing) modulated high frequency signal by diversity
synthesis, and particularly relates to an OFDM receiver
suitably used in a television receiver for car mounting.

DESCRIPTION OF THE RELATED ART

15 Fig. 4 shows a conventional OFDM receiver. In Fig. 4,
plural antennas (shown in the case of four antennas) 111,
121, 131, 141 for receiving an OFDM modulated high
frequency signal are arranged in places separated from
each other on a vehicle as one example. Receiving portions
20 112, 122, 132, 142 are correspondingly connected to the
respective antennas 111 to 141. The respective receiving
portions 112 to 142 have the same construction, and
frequency-convert the high frequency signal to be received
to an intermediate frequency signal. A/D converters 113,
25 123, 133, 143 are connected to the next stages of the
respective receiving portions 112 to 142. Each A/D
converter converts the intermediate frequency signal to a